

Work Order ID 140605

140605

Page 1

Friday, January 08, 2016 2:03:06 PM

Item ID: D205-706-013

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Fuel Purge Canister

Start Date: 1/8/2016 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 1/8/2016 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: MJS

Date: JAN 08 2016

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

IIN-D412-706

B

100

Document Control

0.00

DAS

6

9-89

100

DOCUMENT CONTROL

DC

Memo

0.00

DAS

28

9-89

JAN 28 2016

Doc.Control -USB or Paperwork

Photocopy bluefile and create labels per PPP D205-706-013 CHG003

110

Pick Kit

0.00

110

Packaging

Memo

0.00

DAS

6

9-89

JAN 18 2016

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

DAS

28

9-89

JAN 28 2016

Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
		OTHER : ☐							

Work Order ID 140605

Friday, January 08, 2016 2:03:06 PM

140605

Page 2

Item ID: D205-706-013

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Fuel Purge Canister

Start Date: 1/8/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 1/8/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____

Date:

Tooling:

Date:

Run Start ***NR1***

QC: _____

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00

130

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPPD205-706-013
Location : FG018DAS
28
9-89

JAN 28 2016

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MCS

JAN 28 2016

JAN 28 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

Friday, January 08, 2016 2:03:12 PM

Page 1

Work Order ID: 140605

Parent Item: D205-706-013

Parent Item Name: Fuel Purge Canister

140605

D205-706-013

Start Date: 1/8/2016

Required Date: 1/8/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:E 04.12.03 Remove AN6289-6D; Change Qty of AN924-6D
KJ/JLM IPP Rev:F 10.05.10 as per
chg002 DD verified :EC IPP Rev:G 12.12.07 as per IIN revB
DD verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2001-4		Manufactured	No			110	Each	4.0000	1	1		DAS 6 9-89	ISS 27 9-89
D2001-4									**				
Valve Assembly 1/4 inch													

DAS
28
9-89

Location

Loc Qty

Loc Code

ST001

4

128825

1

134329

3

D3262-041

Manufactured No

110

Each

2.0000

1

1

D3262-041

Canister Assembly

**

DAS
28
9-89

Location

Loc Qty

Loc Code

st493

2

137616

2

D3264-1

Manufactured No

110

Each

2.0000

2

2

D3264-1

Bracket

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST494

2

134353

2

DAS
6
9-89

DAS
27
9-89

DAS
6
9-89

DAS
27
9-89

JAN 18 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
		OTHER : ☐							

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Page 2

Work Order ID: 140605

Parent Item: D205-706-013

Parent Item Name: Fuel Purge Canister

140605

D205-706-013

Start Date: 1/8/2016

Required Date: 1/8/2016

Start Qty: 1.00

Required Qty: 1.00

D3297-1-0121

Manufactured No

110 Each

3.0000

1 1

D3297-1-0121

Hose Assembly

DAS
28
9-89

Location

Loc Qty

Loc Code

ST209

3

115581

2

134287

1

DAS
6
27
9-89 9-89

D3297-1-0130

Manufactured No

110 Each

3.0000

1 1

D3297-1-0130

Hose Ass'Y

DAS
28
9-89

Location

Loc Qty

Loc Code

ST209

3

134481

1

137517

2

DAS
6
27
9-89 9-89

D3297-3-0350

Manufactured No

110 Each

3.0000

1 1

D3297-3-0350

Hose Assembly

DAS
28
9-89

Location

Loc Qty

Loc Code

ST210

3

134299

2

137518

1

DAS
6
27
9-89 9-89

D3298-001

Manufactured No

110 Each

2.0000

1 1

D3298-001

Tube Assembly

DAS
28
9-89

Location

Loc Qty

Loc Code

ST210

2

120131

2

DAS
6
27
9-89 9-89
JAN 18 2016

Friday, January 08, 2016 2:03:12 PM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
		OTHER : ☐							

Picklist Print

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Page 3

Work Order ID: 140605

Parent Item: D205-706-013

Parent Item Name: Fuel Purge Canister

140605

D205-706-013

Start Date: 1/8/2016

Required Date: 1/8/2016

Start Qty: 1.00

Required Qty: 1.00

D3298-009

Manufactured No

110 Each

2.0000

1 1

D3298-009

Tube Assembly

DAS
28
9-89

**

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST211

2

120492

2

D3299-1

Manufactured No

110 Each

5.0000

1 1

D3299-1

Fitting

DAS
28
9-89

**

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST030

5

103865

5

D3299-3

Manufactured No

110 Each

11.0000

1 1

D3299-3

Fitting

DAS
28
9-89

**

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST030

11

103866

11

D3301-1

Manufactured No

110 Each

6.0000

1 1

D3301-1

Placard

DAS
28
9-89

**

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST030

6

132029

6

D3301-3

Manufactured No

110 Each

5.0000

1 1

D3301-3

Placard

DAS
28
9-89

**

JAN 18 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST030

5

137528

5

Shop Packet Print

Friday, January 08, 2016 2:03:13 PM

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
		OTHER : ☐							

Picklist Print

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Work Order ID: 140605

Parent Item: D205-706-013

Parent Item Name: Fuel Purge Canister

140605

D205-706-013

Start Date: 1/8/2016

Required Date: 1/8/2016

Start Qty: 1.00

Required Qty: 1.00

D3302-1 Manufactured No

110 Each

2.0000

1 1

D3302-1

Doubler

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST485

2

125877

2

D3302-3 Manufactured No

110 Each

1.0000

1 1

D3302-3

Doubler

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST485

1

115001

1

AN3-5A Purchased No

110 Each

160.0000

4 4

AN3-5A

Bolt

**

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

30

m133686

30

ST350

130

m133686

130

AN814-6D Purchased No

110 Each

3.0000

1 1

AN814-6D

Plug

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST326

3

m132677

3

DAS
27
9-89

JAN 18 2016

DAS
27
9-89

JAN 27 2016

DAS
27
9-89

DAS
27
9-89

JAN 18 2016

Friday, January 08, 2016 2:03:13 PM

Shop Packet Print

Page 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____							
Misidentified ☐	☐ Past Due								

Picklist Print

Friday, January 08, 2016 2:03:13 PM

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Work Order ID: 140605

140605

Parent Item: D205-706-013

D205-706-013

Parent Item Name: Fuel Purge Canister

Start Date: 1/8/2016

Required Date: 1/8/2016

Start Qty: 1.00

Required Qty: 1.00

AN815-6D Purchased No

110 Each 23.0000 2 2

AN815-6D

Union-M-Flare

DAS
28
9-89

**

DAS
6 27
9-89 9-89

Location

Loc Qty

Loc Code

CCK006

23

m132680

23

2

AN833-6D Purchased No

110 Each 17.0000 3 3

AN833-6D

Elbow, Bulkhead-M-Flare

DAS
28
9-89

**

DAS
6 27
9-89 9-89

Location

Loc Qty

Loc Code

CCK006

11

M130466

11

ST323

6

M130466

6

3

AN924-6D Purchased No

110 Each 15.0000 4 4

AN924-6D

Nut

DAS
28
9-89

**

DAS
6 27
9-89 9-89

Location

Loc Qty

Loc Code

ST322

15

m129519

5

m132680

10

4

JAN 18 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
		OTHER : ☐							

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Page 6

Work Order ID: 140605

Parent Item: D205-706-013

Parent Item Name: Fuel Purge Canister

140605

D205-706-013

Start Date: 1/8/2016

Required Date: 1/8/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0332J

Purchased

No

110

Each

1,231.000

4

4

NAS1149D0332.I

Washer

**

DAS
27
6-89
6
9-89

Location

Loc Qty

Loc Code

CA

14

m129682

14

FP001

70

m129682

70

GA

289

m132677

289

ST264

858

m133498

858

4

NAS1149D0363J

Purchased

No

110

Each

1,241.000

8

8

NAS1149D0363.I

Washer

**

Location

Loc Qty

Loc Code

GA

108

m130799

108

ST263

1133

m133709

133

m133790

500

m133932

500

8

NAS1149D0963J

Purchased

No

110

Each

81.0000

2

2

NAS1149D0963.I

Washer

**

Location

Loc Qty

Loc Code

st268

81

125445

81

2

DAS
28
9-89

DAS
6
9-89
DAS
27
9-89

JAN 7 8 2016

DAS
6
9-89
DAS
27
9-89

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Shop Packet Print

Page 6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
		OTHER : ☐							

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Page 7

Work Order ID: 140605

Parent Item: D205-706-013

Parent Item Name: Fuel Purge Canister

140605

D205-706-013

Start Date: 1/8/2016

Required Date: 1/8/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

110

Each

1,490.000

4

4

MS21042L3

Nut

**

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

183

m133790

183

GA

216

m133790

216

ST304

1091

m133790

1091

110

Each

38.0000

1

1

MS21919-WDG12

Purchased

No

MS21919-WDG12

Clamp

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST292

38

m129630

38

110

Each

12.0000

2

2

MS21919-WDG16

Purchased

No

MS21919-WDG16

Clamp

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST292

12

m128635

4

m133363

8

110

Each

122.0000

5

5

MS21919-WDG9

Purchased

No

MS21919-WDG9

Clamp

**

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK06

100

m133234

100

ST293

22

m133031

22

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Page 7

DAS
6 27
9-89

DAS
6 27
9-89

DAS
6 27
9-89

DAS
6 27
9-89

JAN 18 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

Friday, January 08, 2016 2:03:13 PM

Page 8

Work Order ID: 140605

Parent Item: D205-706-013

Parent Item Name: Fuel Purge Canister

140605

D205-706-013

Start Date: 1/8/2016

Required Date: 1/8/2016

Start Qty: 1.00

Required Qty: 1.00

MS21920-42

Purchased

No

110

Each

6.0000

2

2

DAS

6

9-89

MS21920-42

CLAMP

DAS

28

9-89

Location

Loc Qty

Loc Code

ST546

6

m132550

4

m132675

2

MS29512-06

Purchased

No

110

Each

36.0000

5

5

**

MS29512-06

O-RING

DAS

28

9-89

Location

Loc Qty

Loc Code

ST274

36

m132617

20

m132680

16

MS35489-11

Purchased

No

110

Each

18.0000

1

1

**

MS35489-11

GROMMET

DAS

28

9-89

Location

Loc Qty

Loc Code

ST275

18

m129499

18

DAS

6

9-89

DAS

27

69-89

9-89

JAN 18 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐						
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval			
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY								
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date ☐	☐	Manufacturing Process	OTHER :							
Misidentified ☐	☐	Past Due								

EYES ONLY

DAS
28
9-89

5. PARTS LIST

Qty -011	Qty -013	Qty -015	Part Number	Description
X			D412-706-011	FUEL PURGE CANISTER INSTALLATION (212/412)
	X		D205-706-013	FUEL PURGE CANISTER INSTALLATION (205/214/EAGLE SINGLE)
		X	D204-706-015	FUEL PURGE CANISTER INSTALLATION (204)
1	1	1	D2001-4	VALVE ASSEMBLY
		2	D2026-101	SCREW
	1	1	D3262-041	CANISTER ASSEMBLY
1			D3262-043	CANISTER ASSEMBLY
2	2	2	D3264-1	BRACKET
1			D3297-1-0098	HOSE ASSEMBLY
1	1		D3297-1-0121	HOSE ASSEMBLY
	1		D3297-1-0130	HOSE ASSEMBLY
1			D3297-3-0210	HOSE ASSEMBLY
	1		D3297-3-0350	HOSE ASSEMBLY
		1	D3297-5-0410	HOSE ASSEMBLY
	1		D3298-001	TUBE ASSEMBLY
1			D3298-005	TUBE ASSEMBLY
1			D3298-007	TUBE ASSEMBLY
	1		D3298-009	TUBE ASSEMBLY
		1	D3298-011	TUBE ASSEMBLY
		1	D3298-013	TUBE ASSEMBLY
		1	D3298-015	TUBE ASSEMBLY
	1	1	D3299-1	FITTING
1	1		D3299-3	FITTING
1			D3299-5	FITTING
1			D3299-7	FITTING
1	1	1	D3301-1	PLACARD
1	1	1	D3301-3	PLACARD
1	1		D3302-1	DOUBLER
1	1		D3302-3	DOUBLER
		1	D3302-5	DOUBLER
		2	D3302-7	DOUBLER
2			D3329-1	BUSHING
1			D4054-001	TUBE ASSEMBLY
1			D4054-003	TUBE ASSEMBLY
1			D4054-009	TUBE ASSEMBLY
4	4	4	AN3-5A	BOLT
	1	1	AN814-6D	PLUG
1			AN814-8D	PLUG
2	2	2	AN815-6D	UNION
1			AN815-8D	UNION
		1	AN816-6D	NIPPLE
2	3	1	AN833-6D	ELBOW

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Revision: B

Date: 12.11.06

Qty -011	Qty -013	Qty -015	Part Number	Description
1			AN833-8D	ELBOW
		1	AN919-6D	REDUCER
4	4	1	AN924-6D	NUT
1			AN924-8D	NUT
1			AN938-6D	TEE
4	4	2	AN960JD10L	WASHER
8	8	8	AN960JD10	WASHER
2	2		AN960JD916	WASHER
4	4	4	MS21042L3	NUT
	1	1	MS21919WDG12	CLAMP
	2		MS21919WDG16	CLAMP
		2	MS21919WDG6	CLAMP
		3	MS21919WDG7	CLAMP
2	5		MS21919WDG9	CLAMP
2	2	2	MS21920-42	CLAMP
7	5	5	MS29512-06	O-RING (OR M83248/1-906)
3			MS29512-08	O-RING (OR M83248/1-908)
	1	1	MS35489-11	GROMMET
1			MS35489-16	GROMMET